

ABSTRACT

A receiver designed to receive and engage an interchangeable test adapter (ITA) such that electrical contacts carried by the ITA and receiver are releasably engaged. The receiver includes sliding cam plates driven by a lever assembly and adjacent sliding hanger structures that are retractable. The sliding hanger structures are biased to extend forwardly, and are mounted within hanger slide retaining structures that define forward stops. When an ITA is to be engaged with the receiver, roller pins of the ITA are placed in the hangers such that they also extend into the adjacent sliding cam plates. When the user actuates the lever, the cam plates force the ITA to move inwardly, into engagement. The motion of the cam plates also forces the hanger structures to slide inwardly, such that they are flush with the face of the receiver.